molex



Part Number : 787302003
Product Description : DDR4 DIMM Socket, Vertical Surface Mount, 0.76µm Gold Plating, 288 Circuits, PCB Thickness 1.57mm, with Forklock, Black Housing, Natural Latch, with Pick-and-Place Tape
Series Number : 78730
Status : Obsolete
Product Category : Memory Module Connectors

Obsolete

Documents and Resources

Drawings

787302003_sd.pdf
787302003_stp.zip
787300011REVA-000.pdf
787300012REVA-000.pdf
EE-78730-002-001.pdf
EE-78730-003-001.pdf
EE-78730-006-001.pdf
EE-78730-007-001.pdf
EE-78730-008-001.pdf
EE-78730-009-001.pdf
EE-78730-010-001.pdf
787300011REVA-000.zip
787300012REVA-000.zip
SP-78730-002-001.zip
SP-78730-003-001.zip
SP-78730-006-001.zip
SP-78730-007-001.zip
SP-78730-008-001.zip
SP-78730-009-001.zip
SP-78730-010-001.zip

Specifications

AS-78730-001-001.pdf

Downloaded from Arrow.com.

AS-78730-002-001.pdf

PS-78730-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Obsolete

Part Details

General

Status	Obsolete
Category	Memory Module Connectors
Series	78730
Description	DDR4 DIMM Socket, Vertical Surface Mount, 0.76µm Gold Plating, 288 Circuits, PCB

Downloaded from Arrow.com.

	Thickness 1.57mm, with Forklock, Black Housing, Natural Latch, with Pick-and-Place Tape
Component Type	Socket
JEDEC Outline	MO-309
Product Name	DDR4 DIMM
UPC	889056049191

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	0.75A
Voltage - Maximum	29V AC (RMS)/DC

Physical

Circuits (Loaded)	288
Circuits (maximum)	288
Durability (mating cycles max)	25
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Housing Color	Black
Keying to Mating Part	No
Latch Color	Natural (Off-White)
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	6.269/g
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm, 3.18mm
Pitch - Mating Interface	0.85mm
Pitch - Termination Interface	0.85mm

Obsolete

Downloaded from Arrow.com.

Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	REFLOW
Max-Cycle	3
Max-Temp	260

Obsolete

Downloaded from Arrow.com.